

ABSTRACT

The invention relates to a method for making hot strips, made from a workable lightweight construction steel which in particular can easily be deep-drawn cold, includes the main elements Si, Al and Mn, with high tensile strength and good TRIP and/or TWIP characteristics. The mass % are as follows for C 0.04 to ≤ 1.0 , Al 0.05 to < 4.0 , Si 0.05 to ≤ 6.0 ; Mn 9.0 to ≤ 30.0 , the remainder being iron with the common incidental steel elements. The melt is cast in a horizontal strip casting unit, close to the final dimensions at calm flow and without bending to form a pre-strip in the range between 6 and 15 mm, and subsequently is fed for further processing.